

Express Mail Label No: EL728729473US

Date of Deposit: May 33, 2001

Atty Docket No. 25436/1642

PATENT

COMPOSITIONS AND METHODS USING DENDRIMER-TREATED MICROARRAYS

ABSTRACT OF THE DISCLOSURE

The present invention provides a chemically reactive surface able to covalently react with substances containing a hydroxyl group and/or amine group, comprising a solid surface having an activated dendrimer polyamine covalently bonded to said surface through a silane containing reagent, wherein the dendrimer polyamine can covalently bind the substance comprising a hydroxyl group and/or amino group. The present invention further provides a method for producing chemically reactive surfaces for binding moieties comprising a hydroxyl group and/or amine group, as well as kits comprising the chemically reactive surface of the invention.

0963749-03301